



## **NORTH CAROLINA**

Department of Transportation



March 13, 2018

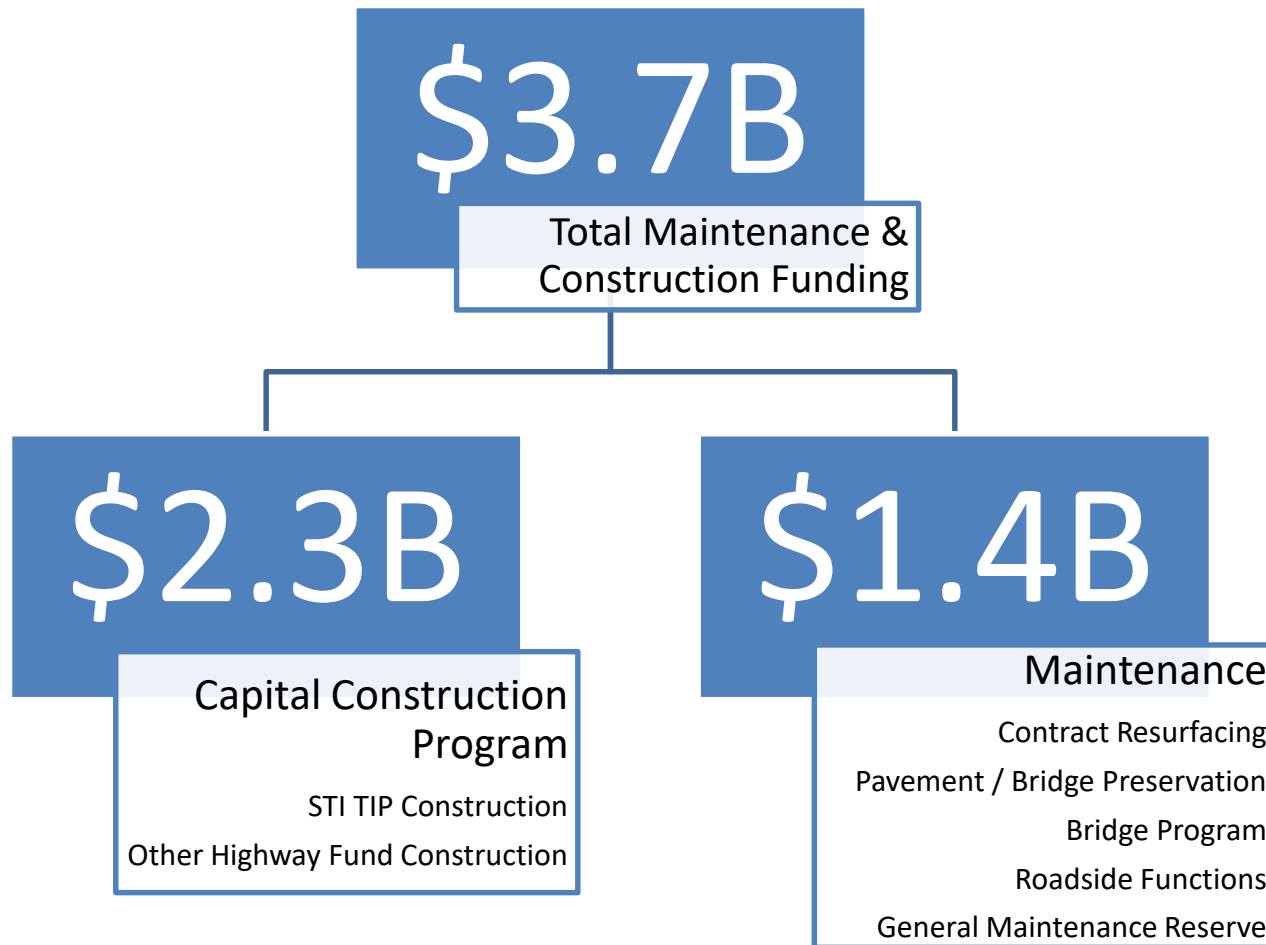
# NCDOT-AGC Workshop

Louis M. Mitchell, PE

Western Deputy Chief Engineer

# New Staff in Chief Engineer's Office

# Maintenance & Construction Funding per Year



# Annual Program Funding

(In Millions)

Major Construction Programs	Previous	FY18	FY19
STIP	\$1,221	\$1,361	\$1,402
Contract Resurfacing	\$497	\$503	\$513
Pavement Preservation	\$85	\$100	\$100
Bridge Program	\$242	\$281	\$281
Bridge Preservation	<u>\$0</u>	<u>\$80</u>	<u>\$85</u>
<b>Total</b>	<b>\$2,045</b>	<b>\$2,325</b>	<b>\$2,381</b>

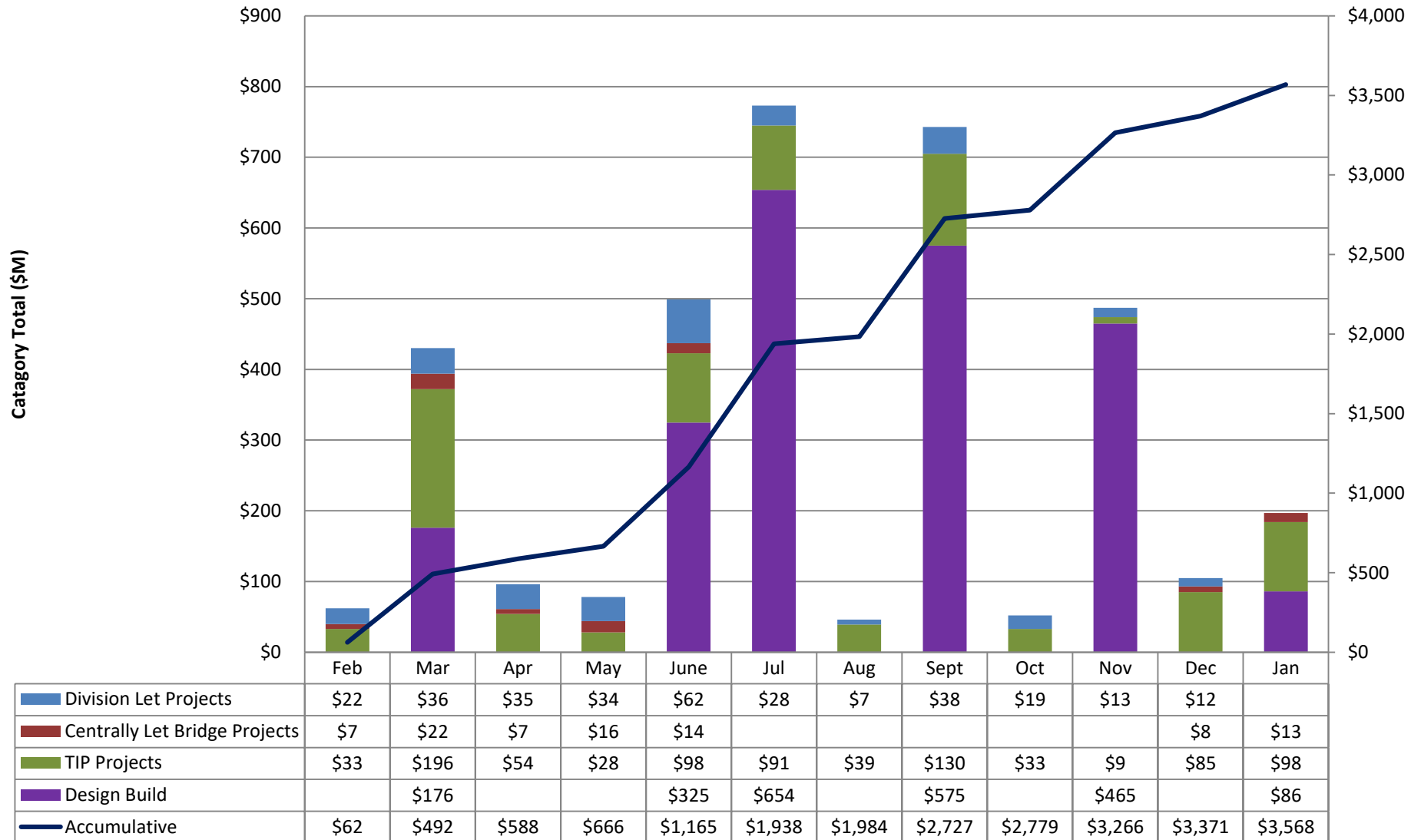
# Budget Highlights

- Mobility/Modernization Fund
  - \$24M High Impact Low Cost projects
  - \$20M Spot Mobility
  - \$6M Economic Development/Small Construction
- Creates Bridge Preservation Fund
  - \$80M in FY18
  - \$85M in FY19
- Increases Bridge Program
  - \$281M in FY18 and FY19 (+\$38M each year)

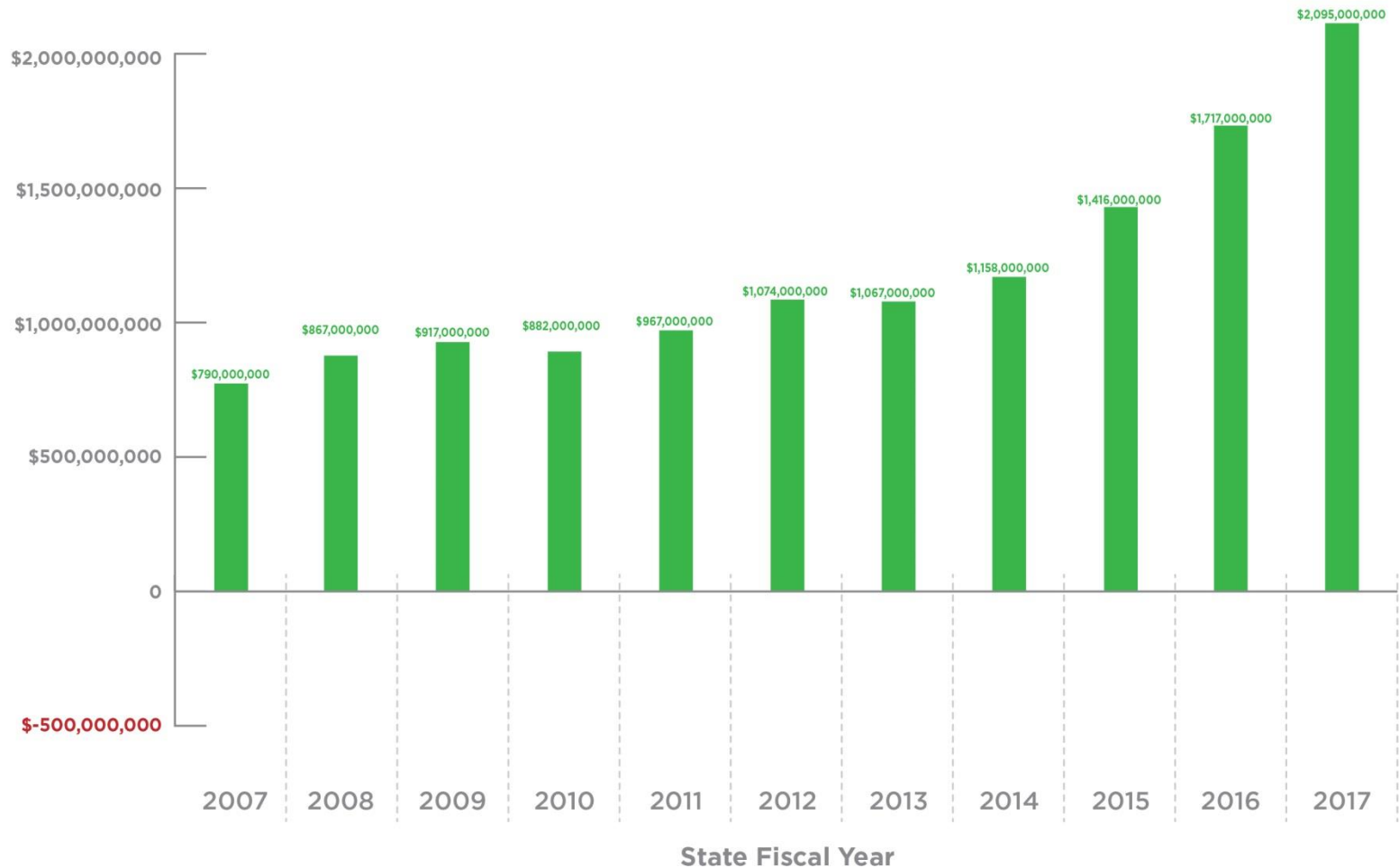
## Budget Highlights

- Pavement Preservation Fund increase
  - \$100M in FY18 and FY19 (+\$15M each year)
- Contract Resurfacing Fund increase
  - \$503 in FY18 (+\$5M)
  - \$513M in FY19 (+10M)
- STIP Funding Increase
  - \$1.36B in FY18 (+\$140M)
  - \$1.40B in FY19 (+\$181M)

## Twelve Month Project - Contract Value by \$ (Feb '18 – Jan '19)



# Cash Balance: 2007–2017

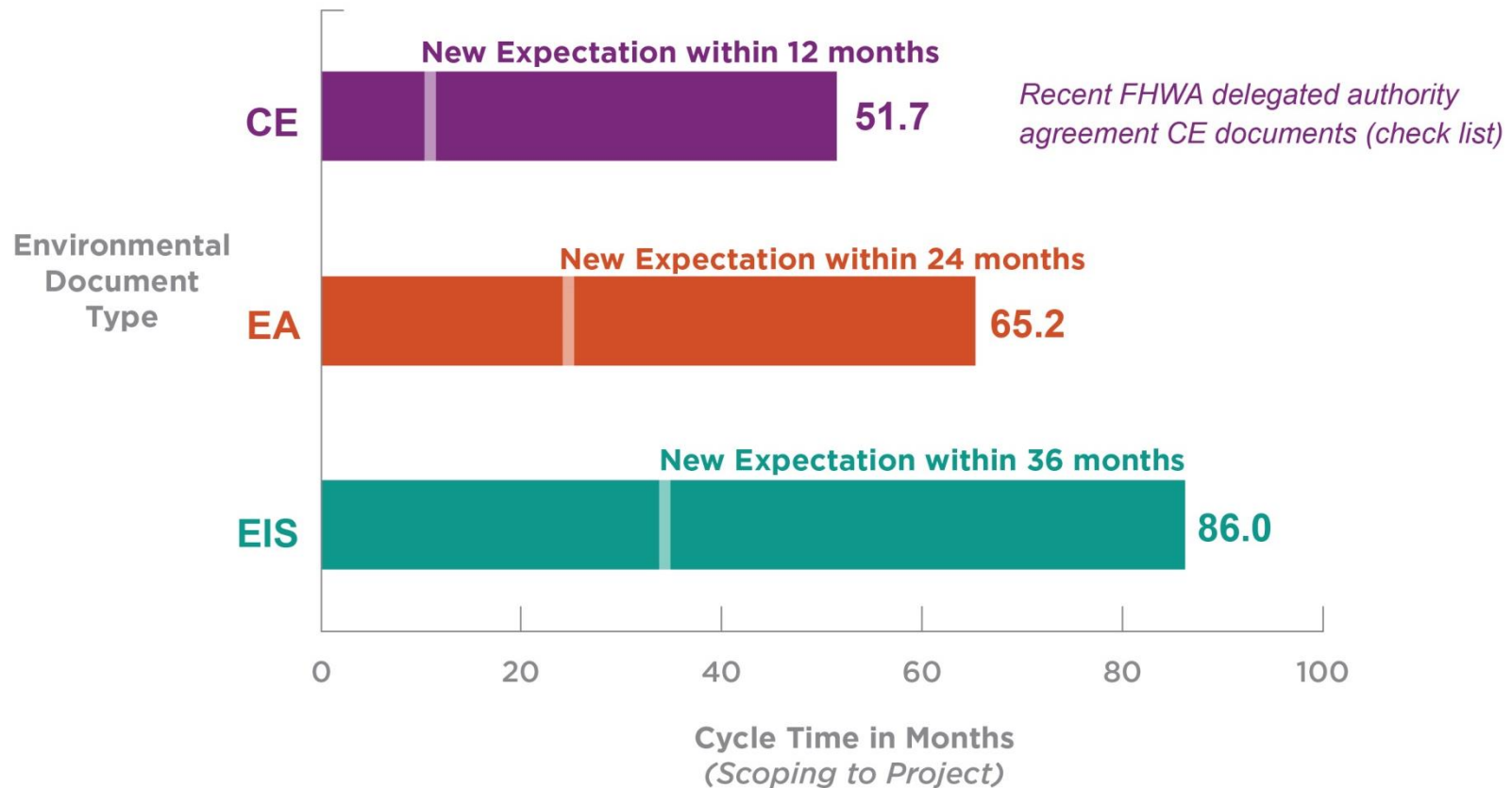




# Project Delivery – Future Projects

- Division Managed Delivery
  - 70% of projects
  - 30% of dollars
- Central Managed Delivery
  - 30% of projects
  - 70% of dollars
- Revised project development cycles
- Revised TIP project schedules

# Project Delivery

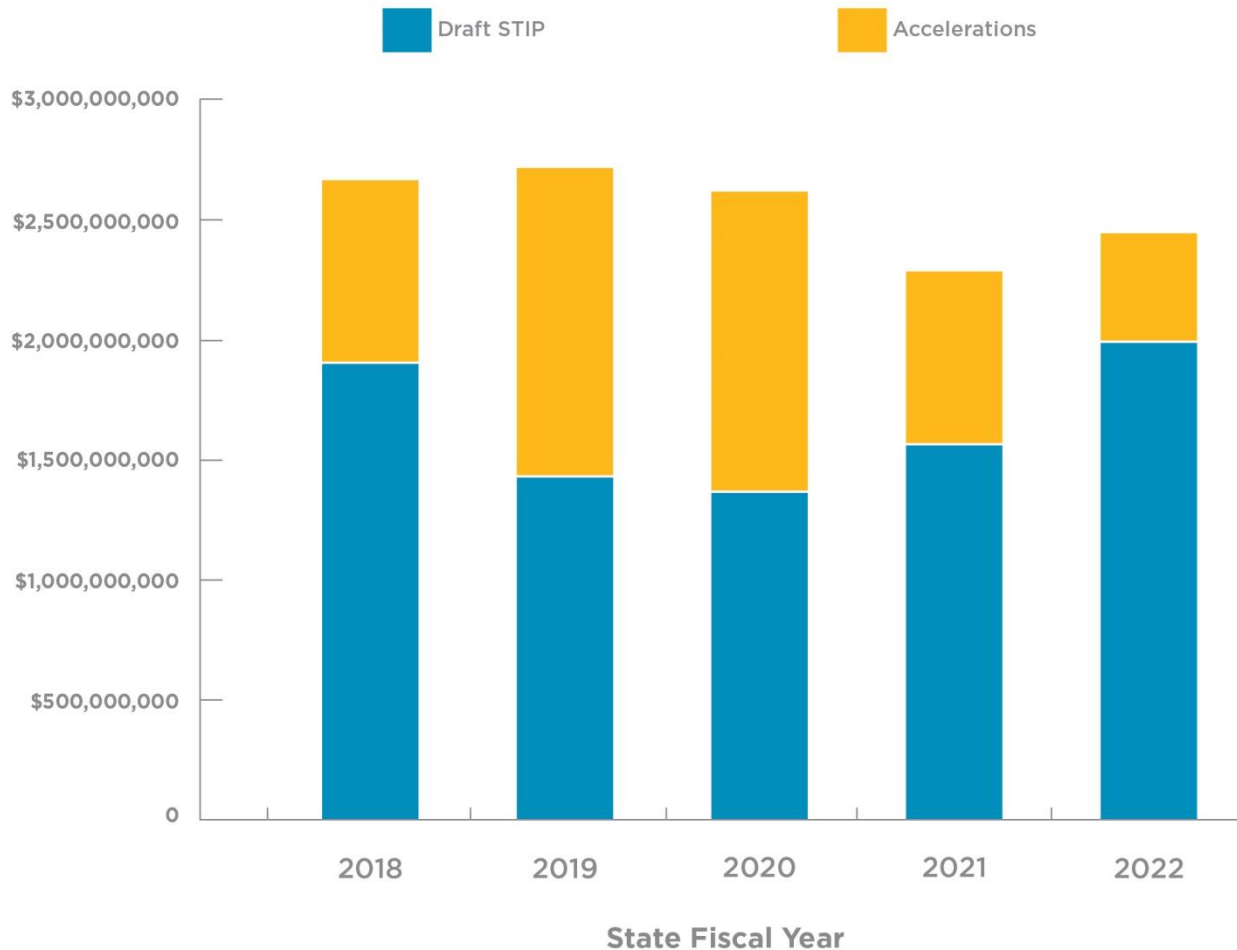


(CE) Categorical exclusion

(EA) Environmental assessments

(EIS) Environmental impact statement

# TIP Project Advancements



## Over the 10-year STIP

Accelerated  
**350**  
Projects



Added  
**144**  
Projects to STIP



# Accelerated Delivery

## Active Contracts

- Acceleration Agreements on 20 active contracts
- Deliver projects to traveling public sooner
- Safety – decreased exposure time in work zone for employees and motorists
- Reduction in cash balance
- Identify better, more efficient ways to construct projects
- Lessons learned can be integrated in normal business practices
- Continue to evaluate acceleration opportunities throughout life of project

# Project Delivery – Making it Successful

- Safety and Environment remain top priorities
- Quality project on / ahead of schedule
- Must be a Team approach
- CEI partners are an extension of NCDOT
- Timely decisions at the lowest level possible
- Team should develop a decision escalation plan
- Continue to evaluate ways to advance construction
- Communication is essential – early and often